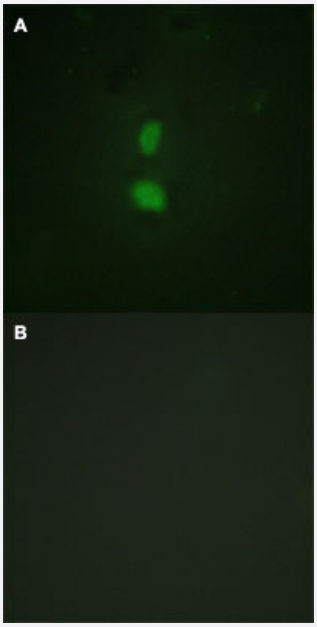
SNAI1 (phospho S246) polyclonal antibody

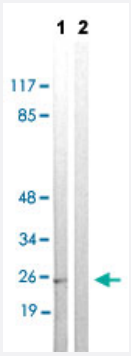
Catalog # PAB29288 Size 100 uL

Applications



Immunofluorescence

Immunofluorescence staining of methanol-fixed HUVEC cells with SNAI1 (phospho S246) polyclonal antibody (Cat# PAB29288) without blocking peptide (A) or preincubated with blocking peptide (B) at 1:100-1:200 dilution.



Western Blot (Cell lysate)

Western blot analysis of Lane 1: HT-29 cells, Lane 2: antigen-specific peptide treated HT-29 cells with SNAI1 (phospho S246) polyclonal antibody (Cat# PAB29288) at 1:500-1:1000 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of human SNAI1.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S246 of human SNAI1.

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Host	Rabbit
Theoretical MW (kDa)	29
Reactivity	Human, Mouse
Specificity	SNAI1 (phospho S246) polyclonal antibody detects endogenous levels of human SNAI1 only when ph osphorylated at serine 246.
Form	Liquid
Purification	Affinity Chromatography
Recommend Usage	Immunofluorescence (1:100~1:200) Western Blot (1:500~1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence

  Immunofluorescence staining of methanol-fixed HUVEC cells with SNAI1 (phospho S246) polyclonal antibody (Cat# PAB29288) without blocking peptide (A) or preincubated with blocking peptide (B) at 1:100-1:200 dilution.

- Western Blot (Cell lysate)

  Western blot analysis of Lane 1: HT-29 cells, Lane 2: antigen-specific peptide treated HT-29 cells with SNAI1 (phospho S246) polyclonal antibody (Cat# PAB29288) at 1:500-1:1000 dilution.

Gene Info — SNAI1

Entrez GeneID	6615
Protein Accession#	O95863
Gene Name	SNAI1
Gene Alias	SLUGH2, SNA, SNAH, dJ710H13.1

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Gene Description	snail homolog 1 (Drosophila)
Omim ID	604238
Gene Ontology	Hyperlink
Gene Summary	The Drosophila embryonic protein snail is a zinc finger transcriptional repressor which downregul ates the expression of ectodermal genes within the mesoderm. The nuclear protein encoded by th is gene is structurally similar to the Drosophila snail protein, and is also thought to be critical for m esoderm formation in the developing embryo. At least two variants of a similar processed pseudo gene have been found on chromosome 2. [provided by RefSeq
Other Designations	OTTHUMP00000031680|snail 1 homolog|snail 1 zinc finger protein|snail 1, zinc finger protein

Publication Reference

- Bone morphogenetic protein and activin membrane-bound inhibitor overexpression inhibits gastric tumor cell invasion via the transforming growth factor-β/epithelial-mesenchymal transition signaling pathway.

  Yuan CL, Liang R, Liu ZH, Li YQ, Luo XL, Ye JZ, Lin Y.

  Experimental and Therapeutic Medicine 2018 Jun; 15(6):5422.

  Application: WB-Tr, Human, BGC-823 cells

Pathway

- Adherens junction

Disease

- Breast cancer
- Breast Neoplasms
- Cleft Lip
- Cleft Palate
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Neoplasm Metastasis

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- Neoplasm Recurrence
- Neoplasms
- Obesity
- Ovarian Neoplasms

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